



Workshop Manual

Audi A6 2011 ➤

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Technical data for engines									
Engine ID	CRD B	CGW D	CHJA	CTU A	CEU C	CGX B	CAE D	CYN B	CDN B
	CWU C	CGW B	CHV A	CRE C	CYP B	CRE H	CAE B	CYP A	CTG E
	CVP A	CYG A	CWU B						

Edition 05.2017

List of Workshop Manual Repair Groups

Repair Group

00 - Technical data



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Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.

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00 – Technical data

1 Overview of engines

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1.1 Overview of engines with adjustment values (oil gauge tester T40178)

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1) Not available at time of publication.

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1.1.1 Audi A6, Audi A7 - vehicle model code 4G

Petrol engines

Engine code	Engine type/number of cylinders	Capacity [ltr.]	Injection system	Power output [kW] (rpm)	Torque [Nm] (rpm)	Camshaft drive	Stroke [mm]	Bore [mm]	Compression ratio [:1]	Adjustment value for adjusting ring	Min. oil level	Max. oil level
CAEB	R4	2.0	FSI	155 4300-6000	350 1500-4200	Chain	92.80 0	82.50 0	9.60	39	0	24
CAED	R4	2.0	FSI	162 4300-6000	350 3000-5000	Chain	92.80 0	82.50 0	9.60	39	0	24
CDNB	R4	2.0	FSI	132 4000-6000	320 1500-3900	Chain	92.80 0	82.50 0	9.60	39	0	24
CEUC	V8	4.0	FSI	309 5500-6400	550 1400-5200	Chain	89.00 0	84.50 0	10.10	185	0	21
CGW B	V6	3.0	FSI	220 5250-6500	440 2900-4500	Chain	89.00 0	84.50 0	10.50	132	0	13
CGW D	V6	3.0	FSI	228 5500-6500	440 2900-4500	Chain	89.00 0	84.50 0	10.50	132	0	13
CGXB	V6	3.0	FSI	228 5500-6500	440 2900-4500	Chain	89.00 0	84.50 0	10.50	132	0	13
CHJA	R4	2.0	FSI	155 4200-6000	350 1500-4200	Chain	92.80 0	82.50 0	9.60	39	0	24
CHVA	V6	2.8	FSI	150 5250-6500	280 3000-5000	Chain	82.40 0	84.50 0	12.00	132	0	13
CRDB	V8	4.0	FSI	412 5700-6600	700 1750-5500	Chain	89.00 0	84.50 0	9.30	185	0	24

En- gine code	En- gine type/ num- ber of cylin- ders	Ca- pacity [ltr.]	Injec- tion sys- tem	Power output [kW] (rpm)	Tor- que [Nm] (rpm)	Cam- shaft drive	Stroke [mm]	Bore [mm]	Com- pres- sion ra- tio [:1]	Ad- just- ment value for ad- juster ring	Min. oil lev- el	Max. oil lev- el
CREC	V6	3.0	FSI	245 5500- 6500	440 2900- 5300	Chain	89.00 0	84.50 0	10.80	141	0	11
CREH	V6	3.0	FSI	250 6000- 6500	440 2900- 4750	Chain	89.00 0	84.50 0	10.80	141	0	11
CTGE	V8	4.0	FSI	331 5800- 6400	550 1400- 5700	Chain	89.00 0	84.50 0	10.10	185	0	24
CTUA	V6	3.0	FSI	228 5500- 6500	440 2900- 4500	Chain	89.00 0	84.50 0	10.50	132	0	13
CVPA	V6	2.8	FSI	162 5750- 6500	280 3000- 5000	Chain	82.40 0	84.50 0	12.00	132	0	13
CWU B	V8	4.0	FSI	412 5700- 6600	700 1750- 5500	Chain	89.00 0	84.50 0	9.30	185	0	24
CWU C	V8	4.0	FSI	445 5900- 6600	700 1750- 5800	Chain	89.00 0	84.50 0	9.30	185	0	24
CYGA	R4	1.8	FSI	140 4200- 6200	320 1400- 4100	Chain	84.10 0	82.50 0	9.60	32	0	27
CYNB	R4	2.0	FSI	185 4900- 5900	370 1600- 4700	Chain	92.80 0	82.50 0	9.60	32	0	27
CYPA	R4	2.0	FSI	185 5000- 6000	370 1600- 4500	Chain	92.80 0	82.50 0	9.60	32	0	27
CYPB	R4	2.0	FSI	183 4900- 5900	370 1600- 4700	Chain	92.80 0	82.50 0	9.60	32	0	27

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